

DEPARTMENT OF MATHEMATICS COLLOQUIUM
UNIVERSITY OF WEST GEORGIA

12:00 PM, THURSDAY, APRIL 30, 2009, BOYD 303

Speaker: **Dr. Oleg Marichev, Wolfram Research, Champaign, IL**

Title: **Mathematica 6 & 7 and functions site**

Mathematica (versions 6 & 7) got a lot of new impressive functionalities. The author of the talk works as developer of calculus related functionalities of Mathematica for over 18 years. He derived thousands of new formulas in different areas of special functions, which are included into the functions site (<http://functions.wolfram.com/>). This talk shows how developing mathematical formulas for functions site makes effect on developing system Mathematica and back.

The effective demonstration of 370 probability distributions with about 7300 formulas on the base of new Mathematica technology will be also presented.

All are welcome.